

## HIGH THROUGHPUT SEPARATIONS BASED ANALYSIS SYSTEMS

5

### ABSTRACT OF THE DISCLOSURE

Devices, systems and methods for use in separating sample materials into different fractions that employ bulk fluid flow for loading of samples followed by electrophoretic separation of the sample material. Devices employ configurations that optionally allow bulk sample loading with some or no displacement of a separation matrix within a separation conduit. Methods of using these devices, and systems that incorporate these devices are also envisioned.

09/09/07 09:09:07